

**Introduction to Algorithms**

# **Module 6.5: Practice Day 01**

**(GeeksforGeeks, CSES, LeetCode)**

**Topics:**

1. Cycle Detection
2. BFS
3. DFS

**Problem Links:**

1. [Detect cycle in an undirected graph](https://www.geeksforgeeks.org/problems/detect-cycle-in-an-undirected-graph/1?utm_source=geeksforgeeks&utm_medium=article_practice_tab&utm_campaign=article_practice_tab) [GFG] - [Solve this using BFS]
2. [Detect cycle in an undirected graph](https://www.geeksforgeeks.org/problems/detect-cycle-in-an-undirected-graph/1?utm_source=geeksforgeeks&utm_medium=article_practice_tab&utm_campaign=article_practice_tab) [GFG] - [Solve this using DFS]
3. [Counting rooms](https://cses.fi/problemset/task/1192) [CSES]
4. [Maximum number of fish in a grid](https://leetcode.com/problems/maximum-number-of-fish-in-a-grid/description/) [LeetCode]